TASK ORDER (TO)

47QFCA22F0031

Gallant Fox II Support

in support of:

Office of Secretary of Defense (OSD)
Strategic Capabilities Office (SCO)

Awarded to:
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C.1 BACKGROUND

The Office of Secretary of Defense's (OSD), Strategic Capabilities Office (SCO) requires complex programmatic and technical engineering services to support mission-related requirements. Contractor services will include program management, technical advising and analysis, program planning, and technical capability studies for the implementation of technology prototyping, experimentation, and rapid deployment of resultant capabilities. SCO's mission is to rapidly demonstrate and transition innovative capabilities to shape the competition space, counter emerging threats, and support long-term requirements by creating strategic operational effects through deterrence, power projection, cost imposition, surprise, and overmatch.

To accomplish its mission, SCO identifies concepts that can lead to near term solutions using existing and emerging Government and commercial systems. SCO also analyzes alternative technologies and capabilities prior to any conflict to maintain deterrence against potential adversaries. Whether by repurposing, teaming, or leveraging commercial investments, these projects create unconventional ways of warfighting that are lower in cost and faster in pace than traditional ones.

C.1.1 PURPOSE

The purpose of the Gallant Fox TO is to develop solutions and leverage available technologies and processes to achieve quick-turn analysis, data assessments, and prototypes of technologies. The focus is on capability gap analysis, technology development, transition plans, and vulnerabilities / targeting analysis in support of advanced capabilities across the Joint Forces Space, Intelligence, and Department of Defense (DoD) communities and authorities. In addition, expert analysis is required in support of the SCO Issue Paper cycle and SCO's "Quick Wins." "Quick Wins" is an internal SCO policy that allows funds to be repurposed for different programs to meet critical and urgent warfighter needs.

C.1.2 AGENCY MISSION

The SCO is an advisor to the Secretary of Defense (SECDEF) and Deputy Secretary of Defense (DEPSECDEF) for augmenting other efforts within the Department of Defense (DoD) with respect to strategic capabilities development, including advising on identification, analysis, and introduction of disruptive applications. SCO also advises on new and unconventional uses of existing systems and near-term technologies, for both U.S. Government and commercial capabilities, to create operational strategic effects, including deterrence, power projection, cost imposition, surprise, and overmatch. SCO supports this mission as follows:

a. Develops strategic capability alternatives and vets and recommends to the DEPSECDEF innovative ideas and concepts for funding or operational execution.
b. Conducts demonstrations, experiments, and prototypes through the Secretaries of the Military Departments and the heads of other DoD Components to reduce upfront risk on potentially game-changing concepts that can be fielded in the near term (up to five years).

c. Performs rigorous analysis, including modeling, prototyping, and red teaming, to generate ideas and preliminary operational concepts to shape capabilities to counter emerging threats.
d. Makes recommendations to the DEPSECDEF regarding new applications of, and modifications to, existing and near-term capabilities.
e. Works through the Secretaries of the Military Departments and heads of other DoD Components to execute and acquire approved innovative concepts.
f. Develops program information management strategies, objectives, and technologies.
g. Oversees and directs operational and technological assessments of SCO-identified projects, programs, and other initiatives through field evaluations to determine potential operational utilities and technical feasibilities.

C.2 SCOPE

The scope of the Gallant Fox TO is to provide analysis and transition planning for critical technologies and capabilities in support of the SCO mission. This work will be conducted in close coordination with the overall DoD Planning, Programming, Budgeting and Execution (PPBE) process and other critical program milestones and transition timelines, in conjunction with SCO, DoD mission partners, and operational commands. Support includes support to SCO with the DoD planning and budgeting process, pre/post Issue Paper cycle, special studies, rapid demonstrations and concepts, and technology deployment, integration and transition.

This TO provides the core program management, and engineering support services to SCO, as well as incidental software and material purchases and long-distance travel required to support the identified task areas.

C.3 CURRENT ENVIRONMENT

The SCO mission is to explore and adapts cost-effective, strategic alternatives to shape and counter emerging threats by combining capability innovation with concepts of operation and information management. The SCO generates new and unconventional uses of existing systems and near-term emerging technologies, either by application to new missions, integration with other systems, incorporation of recent technology, or adoption of non-traditional operational concepts that can create strategic effects that deter, or when necessary, defeat adversaries.

SCO currently coordinates and maintains a physical presence with other DoD offices, such as U.S Space Force, the National Cyber Investigative Joint Task Force (NCIJTF), the National Reconnaissance Office (NRO), U.S. Air Force, U.S. Strategic Command (USSTRATCOM), Naval Special Warfare Group 3, U.S. Indo-Pacific Command, U.S. Army Command, U.S. Cyber Command (CYBERCOM), U.S. Special Operations Command (SOCOM), and Joint Base Anacostia-Bolling (JBAB).

SCO works within the DoD to combat competitors and adversaries seeking to optimize targeting of U.S. battle networks and operational concepts. The security environment is also affected by rapid technological advancements that often outpaces DoD's development cycles. The drive to develop new technologies is imperative as these advances are expanding to more hostile actors with lower barriers to entry. Examples of new technologies that SCO explores include advanced computing, "big data" analytics, Artificial Intelligence (AI), autonomy, robotics, and

hypersonics. These are the technologies that ensure the U.S. will be able to stay competitive in the near future and beyond.

C.3.1 MISSION CAPABILITY AREAS

One of the U.S. military's greatest strengths is the innovative character of its forces. SCO has identified the following mission capability areas as targeted for innovation.

a. **Artificial Intelligence (AI) and Machine Learning (ML):** This includes analysis and transition planning to leverage military applications of autonomy, AI, and ML, including rapid application of commercial breakthroughs, to gain competitive military advantages to enable U.S. forces to leverage technology and data to improve defense posture through more effective and efficient operations. SCO targets seamless integration of diverse unmanned/mixed team capabilities that provide flexible options for the Joint Force. AI and Machine Learning (ML) are important mission capability areas. It is likely that the most transformative AI-enabled capabilities will arise from experiments at the "forward edge," discovered by users in contexts far removed from centralized offices and laboratories. Taking advantage of this concept of decentralized development and experimentation will require the DoD to put in place key building blocks and platforms to scale and democratize access to AI. This includes creating a common foundation of shared data, reusable tools, frameworks and standards, and cloud and edge services. In parallel, SCO will take steps to ready existing processes for AI application through digitization and smart automation. Taken together, these enterprise-wide changes promote the spread of adaptable problem-solving using AI, increase the rate of experimentation and speed of delivery, and streamline the scaling of successful AI prototypes.

b. **Cyber:** This includes analysis and transition planning capabilities to meet the Cybersecurity challenges and potential leap-ahead capabilities for military operations requiring enhanced command, control and situational awareness, and autonomous operations. Ability to gain and maintain the U.S. technological edge in cyberspace in the face of rapid evolution is essential to maintaining mission readiness. America is a target, whether from terrorists seeking to attack our citizens; malicious cyber activity against personal, commercial, or Government infrastructure; or political and information subversion. New threats to commercial and military uses of space are emerging, while increasing digital connectivity of all aspects of life, business, Government, and military creates significant vulnerabilities. During conflict, attacks against our critical defense, Government, and economic infrastructure must be anticipated. Focus areas include cyber defense, resilience, and the continued integration of cyber capabilities into the full spectrum of military operations.

   The DoD's cyberspace and non-kinetics objectives are to:

   i. Ensure the Joint Force can achieve its missions in a contested cyberspace environment.
   ii. Strengthen the Joint Force by conducting cyberspace operations that enhance U.S. military advantages.

iii. Defend U.S. critical infrastructure from malicious cyber activity that alone, or as part of a campaign, could cause a significant cyber incident.
iv. Secure DoD information and systems against malicious cyber activity, including DoD information on non-DoD-owned networks.
v. Expand DoD cyber cooperation with interagency, industry, and international partners.

c. **Command, Control, Communications, Computers, Cyber-Defense and Combat Systems and Intelligence, Surveillance, and Reconnaissance (C6ISR):** SCO supports networked joint ISR solutions rather than platform-centric sensors and Processing, Exploitation, and Dissemination (PED) methods. The ISR Joint Force 2020 encourages the integration and innovation of multiple sensors to provide the fidelity and redundancy required to support rapid and sound decision-making. Additionally, sustaining global leadership in a fiscally constrained environment will demand new paradigms, strategies, and concepts of employment. As the joint force adapts to new resource realities, the DoD's development, and employment of joint ISR capabilities likewise seek to rationally balance fiscal affordability with operational risk.

   Multi-Domain Command and Control (C2) support systems is designed to offer the Joint Force Commander (JFC) the maximum design space along the three dimensions of agile C2 theory: decision rights, interactions, and linkages. Design space is used as the range of possible options for each of the three dimensions. Current C2 support systems constrain the C2 design space; decision rights might not be allocated to the desired subordinate commander because interactions and linkages are either not possible or do not meet requirements for rapidity, reliability, or security. For example, a JFC may want to allocate the decision rights for air defense of a certain sector to a particular field commander, but the interactions and linkages may not support the flow of requisite data to the desired level of field command. Data science can help through infrastructure designs and analytical tools that enable real-time governance of interactions and linkages as determined by the JFC's allocation of decision rights. In addition, data science is applied to each tenet and subdomain of C2; for example, by using recommender systems (market basket analysis or others) to curate information flows to decision makers and operators at every level and in every domain.

d. **Special Operations Forces (SOF):** SCO provides technologies and capabilities that enable SOF to support Joint Force and interagency efforts, primarily through a partnered approach, to proactively advance U.S. interests, defeat adversary attempts to expand the competitive space, and deter an escalation of violence. SOF strengthens alliances and attracts new partners, counters coercion and subversion, raises the costs of adversary behavior, and sets conditions to enable a rapid transition to armed conflict. In large scale conflict operations, SOF's global posture delays and degrades enemy advances through unilateral action or with partner forces, enables the Joint Force to penetrate and disintegrate Anti-Access/Area Denial (A2/AD) systems, and opens windows of opportunity for exploitation by decisive operations. Working in concert with joint cyber and space forces, SOF strikes in the physical, virtual, and cognitive realms of the deep maneuver and deep fires areas to create second fronts that present multiple dilemmas. SOF then contributes to consolidating strategic gains that set conditions for sustainable outcomes and long-term deterrence.

e. **Space Power:** This includes analysis and transition planning of space technologies to support DoD's advancement of space power. DoD plans to achieve space power and influence through the pursuit of the following defense objectives:

   i. Maintain Space Superiority: DoD will establish, maintain, and preserve U.S. freedom of operations in the space domain. DoD will be prepared to protect and defend U.S. and as directed, allied, partner, and commercial space capabilities. DoD will also be prepared to deter and defeat adversary hostile use of space.

   ii. Provide Space Support to National, Joint, and Combined Operations: DoD space forces will deliver advanced space capabilities and effects to enable national, joint, and combined operations in any domain through sustained, comprehensive space military advantages. DoD will leverage and bolster a thriving domestic civil and commercial space industry.

   iii. Ensure Space Stability: In cooperation with allies and partners, DoD will maintain a persistent presence in space in order to deter aggression in space; provide for safe transit in, to, and through space; uphold internationally accepted standards of responsible behavior as a good steward of space; and support U.S. leadership in space traffic management and the long-term sustainability of outer space activities.

C.4 OBJECTIVE

The objectives of the Gallant Fox TO are rapid analysis and transition planning, and cohesive deployment for critical technologies and capabilities in support of the SCO mission.

C.5 TASKS

a. Task 1 - Provide Program Management
b. Task 2 - Provide Technology Development
c. Task 3 - Provide Joint Planning and Targeting Analysis Development
d. Task 4 - Provide Specialized Studies and Analysis

C.5.1 TASK 1 – PROVIDE PROGRAM MANAGEMENT

The contractor shall provide program management support under this TO. This includes the management and oversight of all activities performed by contractor personnel, including subcontractors, to satisfy the requirements identified in this Performance Work Statement (PWS). Additionally, the contractor shall develop an OPSEC SOP Plan **(Section F, Deliverable 23)**, to be reviewed and approved by the FEDSIM COR and SCO TPOC, per DoD regulations. This OPSEC SOP Plan shall include the Government's critical information, why it needs to be protected, where it is located, who is responsible for it, and how to protect it. The contractor shall implement its OPSEC SOP Plan upon approval by the Government. In addition, the contractor shall identify an individual who will be an OPSEC Coordinator. The contractor shall ensure this individual becomes OPSEC Level II certified per DoD reference.

C.5.1.1 SUBTASK 1 – ACCOUNTING FOR SERVICE CONTRACT REPORTING

The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this TO. The contractor shall completely fill in all required data fields using the following web address: http://www.sam.gov.

Reporting inputs will be for the labor executed during the period of performance during each Government Fiscal Year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported No Later Than (NLT) October 31 of each calendar year. Contractors may direct questions to the support desk at: http://www.sam.gov.

C.5.1.2 SUBTASK 2 – COORDINATE A PROJECT KICK-OFF MEETING

The contractor shall schedule, coordinate, and host a Project Kick-Off Meeting at the location approved by the Government **(Section F, Deliverable 01**). The meeting shall provide an introduction between the contractor personnel and Government personnel who will be involved with the TO. The meeting shall provide the opportunity to discuss technical, management, and security issues, and travel authorization and reporting procedures. At a minimum, the attendees shall include the contractor's Key Personnel, the Gallant Fox Technical Point of Contact (TPOC), other relevant Government personnel, the FEDSIM CO, and the FEDSIM COR.

At least three days prior to the Project Kick-Off Meeting, the contractor shall provide a Project Kick-Off Meeting Agenda **(Section F, Deliverable 02)** for review and approval by the FEDSIM COR and the SCO TPOC prior to finalizing. The agenda shall include, at a minimum, the following topics/deliverables:

a. Points of Contact (POCs) for all parties.
b. Program management discussion, including schedule, tasks, etc.
c. Personnel discussion (e.g., roles and responsibilities and lines of communication between contractor and Government).
d. Project Staffing Plan and status.
e. Transition-In Plan and discussion.
f. Security discussion and requirements (e.g., building access, badges, Common Access Cards (CACs)).
g. Financial Forecasting and invoicing requirements **(Section C.5.1.9).**

The Government will provide the contractor with the number of Government participants for the Project Kick-Off Meeting, and the contractor shall provide copies of the presentation for all present.

The contractor shall draft and provide a Project Kick-Off Meeting Minutes Report **(Section F, Deliverable 03)** documenting the Project Kick-Off Meeting discussion and capturing any action items.

C.5.1.3 SUBTASK 3 – PREPARE A MONTHLY STATUS REPORT (MSR)

The contractor shall develop and provide an MSR **(Section J, Attachment F) (Section F, Deliverable 04)**. The MSR shall include the following:

a. Activities during the reporting period, by task (include ongoing activities, new activities, activities completed, and progress to date on all above-mentioned activities). Each section shall start with a brief description of the task.
b. Problems and corrective actions taken. Also include issues or concerns and proposed resolutions to address them.
c. Personnel gains, losses, and status (security clearance, etc.).
d. Government actions required.
e. Schedule (show major tasks, milestones, and deliverables; planned and actual start and completion dates for each).
f. Summary of trips taken, conferences attended, etc. (attach Trip Reports to the MSR for the reporting period).
g. Cost incurred by CLIN.
h. Accumulated invoiced cost for each CLIN up to the previous month.
i. Projected cost of each CLIN for the current month.

C.5.1.4 SUBTASK 4 – CONVENE TECHNICAL STATUS MEETINGS

The contractor Program Manager (PM) shall convene a monthly Technical Status Meeting with the SCO TPOC, FEDSIM COR, and other Government stakeholders **(Section F, Deliverable 05)**. The purpose of this meeting is to ensure all stakeholders are informed of the monthly activities and MSR, provide opportunities to identify other activities and establish priorities, and coordinate resolution of identified problems or opportunities. The contractor PM shall provide minutes of these meetings, including attendance, issues discussed, decisions made, and action items assigned, to the FEDSIM COR **(Section F, Deliverable 06)**.

C.5.1.5 SUBTASK 5 – PREPARE AND UPDATE A PROJECT MANAGEMENT PLAN (PMP)

The contractor shall document all support requirements in a PMP and shall provide it to the Government **(Section F, Deliverable 07)**. The PMP shall:

a. Describe the proposed management approach.
b. Contain detailed Standard Operating Procedures (SOPs) for all tasks.
c. Include milestones, tasks, and subtasks required in this TO.
d. Provide for an overall Work Breakdown Structure (WBS) with a minimum of three levels and associated responsibilities and partnerships between Government organizations.
e. Describe in detail the contractor's approach to risk management under this TO.
f. Describe in detail the contractor's approach to communications, including processes, procedures, format, and other rules of engagement between the contractor and the Government.

The PMP is an evolutionary document that shall be updated annually at a minimum and as project changes occur. The contractor shall work from the latest Government-approved version of the PMP.

C.5.1.6 SUBTASK 6 – PREPARE TRIP REPORTS

The Government will identify the need for a Trip Report when the request for travel is submitted **(Section F, Deliverable 08)**. The contractor shall keep a summary of all long-distance travel including, but not limited to, the name of the employee, location of travel, duration of trip, and POC at travel location. Trip reports shall also contain Government approval authority, total cost of the trip, a detailed description of the purpose of the trip, and any knowledge gained. At a minimum, Trip Reports shall be prepared with the information provided in **Section J, Attachment G**.

C.5.1.7 SUBTASK 7 – TRANSITION-IN

The contractor shall provide a Transition-In Plan as required in Section F **(Section F, Deliverable 09)**. The contractor shall ensure that there will be minimum service disruption to vital Government business and no service degradation during and after transition. The contractor shall implement its Transition-In Plan NLT three calendar days after Project Start (PS), and all transition activities shall be completed 90 calendar days after PS.

C.5.1.8 SUBTASK 8 – TRANSITION-OUT

The contractor shall provide transition-out support when required by the Government. The Transition-Out Plan shall facilitate the accomplishment of a seamless transition from the incumbent to incoming contractor and/or Government personnel at the expiration of the TO. The contractor shall provide a Transition-Out Plan within six months of PS **(Section F, Deliverable 10)**. The contractor shall review and update the Transition-Out Plan in accordance with the specifications in Sections E and F.

In the Transition-Out Plan, the contractor shall identify how it will coordinate with the incoming contractor and/or Government personnel to transfer knowledge regarding the following:

a. Project management processes.
b. POCs.
c. Location of technical and project management documentation.
d. Status of ongoing technical initiatives.
e. Appropriate contractor-to-contractor coordination to ensure a seamless transition.
f. Transition of Key Personnel roles and responsibilities.
g. Schedules and milestones.
h. Actions required of the Government.

The contractor shall also establish and maintain effective communication with the incoming contractor/Government personnel for the period of the transition via weekly status meetings or as often as necessary to ensure a seamless transition-out.

The contractor shall implement its Transition-Out Plan NLT six months prior to expiration of the TO.

C.5.1.9 SUBTASK 9 – FINANCIAL FORECASTING AND TRACKING

The Government anticipates that funding will be received from multiple sources, and it will have to track financial data at the Military Interdepartmental Purchase Request (MIPR) or funding

source level. The contractor shall work with the FEDSIM COR and SCO TPOC to determine, for each task or project, the level of financial tracking required. For each task, the contractor shall create a Financial Forecast **(Section F, Deliverable 11)** for each TO period of performance that details the anticipated monthly costs by CLIN. The contractor shall set the baseline at the start of each TO period of performance and update the forecasts monthly, at a minimum, as costs are incurred or as requirements change.

The contractor shall present a draft proposed format for the financial forecast at the Project Kick-Off Meeting for FEDSIM COR and SCO TPOC approval, utilizing the Government-approved format.

C.5.1.10 SUBTASK 10 – PROVIDE QUALITY MANAGEMENT

The contractor shall identify and implement its approach for providing and ensuring quality throughout its solution to meet the requirements of the TO. The contractor shall provide a QMP and maintain and update it as changes in the program processes are identified **(Section F, Deliverable 12)**. The contractor's QMP shall describe the application of the appropriate methodology (i.e., quality control and/or quality assurance) for accomplishing TO performance expectations and objectives. The QMP shall describe how the appropriate methodology integrates with the Government's requirements.

C.5.2 TASK 2 – PROVIDE TECHNOLOGY DEVELOPMENT

The contractor shall provide the following technical support for the mission capability areas listed in C.3.1.

C.5.2.1 SUBTASK 2.1 – PROVIDE CAPABILITY GAP ANALYSIS AND TECHNOLOGY PLANNING

The contractor shall analyze capability gaps, identify technologies for development, and provide development plans for specific capabilities in support of Mission Capability Areas (C.3.1.). The development plans will be of strategic significance and support the National Defense Strategy/National Military Strategy, Operational Plans (OPLANS), Concept Plans (CONPLANS) and Combatant Commander (CCMD) guidance. The contractor shall conduct analysis and planning through assessment and application of requirements and Concept of Operations (CONOPS) from joint operations, including organizations, formations, and capabilities; Joint and Special Operations operational doctrine; Joint and Special Operations planning process; and joint capability development processes. The contractor shall provide Capability Gap Analysis **(Section F, Deliverable 13)** and CONOPS Reports **(Section F, Deliverable 14)** as required in Section F.

C.5.2.2 SUBTASK 2.2 – PROVIDE KILL CHAIN ANALYSIS AND TECHNOLOGY DEVELOPMENT

The contractor shall provide studies and research to support SCO with innovative technology development that can disrupt adversary capabilities using a kill chain methodology for analysis. Contractor work shall focus on concept development, program proposal, program execution, and transition support and include these specific areas:

a. Analyze adversary kill chains and provide Kill Chain Analysis Reports **(Section F, Deliverable 15).**
b. Analyze mission area technologies and deliver Mission Area Technology Assessment Reports on key technologies **(Section F, Deliverable 16).**
c. Study, assess, and recommend innovative technologies for further development/testing and, as necessary, transition planning and support.
d. Support the SCO and SCO-partnered COCOM pre- and post-issue paper efforts, when required.
e. Support SCO quick-turn tasks for short notice support for mission area-related development areas including, but not limited to, supporting COCOM exercises, attending Original Equipment Manufacturer (OEM) meetings, and witnessing/participating in demonstrations. This shall include providing support for the technical evaluation and capabilities required by the war fighter and making recommendations on areas worthy of follow-on assessment.
f. Support SCO longer-term capability mission area-related development activities of non-SCO programs of record to enhance programs.
g. Provide Project Management support to ensure technology development, prototyping, experimentation, testing, and Joint Exercise/Wargame integration is consistent with SCO mission objectives.

C.5.2.3 SUBTASK 2.3 – PROVIDE TECHNOLOGY TRANSITION

The contractor shall develop and deliver Development Transition Plans for SCO review **(Section F, Deliverable 17)**. These plans shall address transition technologies and analytic findings to the broader joint community by analyzing the identified SCO innovative technologies to determine performance and constraints on operations; performing required modeling, simulation, and analysis; and recommend prototypes and experiments needed to rapidly deploy an operational capability (i.e., post issue paper support to funded efforts).

C.5.3 TASK 3 – PROVIDE JOINT PLANNING AND TARGETING ANALYSIS DEVELOPMENT

The contractor shall provide the following technical support for the mission capability areas listed in C.3.1.

The contractor shall conduct focused and concentrated holistic system analysis and characterization of adversary targets of interest to identify vulnerabilities that can be exploited in order to hold the adversary target at risk in the near-term. The contractor shall reference Joint Publication 3-60 Joint Targeting & Joint Publication 5-0. Work shall focus on distilling complex targets into manageable subsystems that shall be dissected into physical, information, and cognitive layers for further analysis.

The contractor shall also author, staff, and present targeting products that are in alignment with the Joint Operations Planning and Execution System (JOPES) and other operational planning models. The contractor shall provide Target Analysis Reports **(Section F, Deliverable 18)** as required in Section F.

C.5.4 TASK 4 – PROVIDE SPECIALIZED STUDIES AND ANALYSIS

The contractor shall provide the following technical support for the mission capability areas listed in C.3.1.

The contractor shall conduct specialized studies and analysis that leverages unique industry partner tradecraft to illuminate critical areas identified by SCO. These may include, but are not limited to, market research and Publicly Available Information (PAI) efforts that support new or existing SCO activities. The contractor shall provide Market Research Reports **(Section F, Deliverable 19)** and Tradecraft Analysis Reports **(Section F, Deliverable 20)** as required in Section F.

C.5.4.1 SUBTASK 4.1 - SYSTEM ANALYSIS

The contractor shall identify the technical and operational susceptibilities of the adversary's function that, through refinement, can become technical and operational vulnerabilities. Information shortfalls shall be submitted for additional assessment. The contractor shall provide System Analysis Reports **(Section F, Deliverable 21)** as required in Section F.

C.5.4.2 SUBTASK 4.2 - INFORMATION COLLECTION AND MARKET RESEARCH

The contractor shall leverage non-traditional information collection and use of publicly available research to fulfill information shortfalls. The contractor shall coordinate and manage other Government agency information to satisfy the technical and operational gaps. The contractor shall also coordinate with agencies that conduct target modeling to further understand the complexity of the target and identify the effect on the larger adversary networks and systems based on different operational scenarios. The contractor shall provide PAI Assessment Reports **(Section F, Deliverable 22)** as required in Section F.